

V A J D a G V.

58. The influence of the materials used for electrodes on the breakdown voltage. G. Vajda. Thesis for the degree of candidate of science. 1956. 193 p. 94 figs., 34 tabs.

The part played by the physical properties of electrodes in breakdown is dealt with on the base of the breakdown theories of insulating materials of various states of aggregation. Elementary processes occurring on surfaces and phenomena of emission are analysed. The approximation of the real electrode surface of complicated structure changing in the course of time is theoretically discussed. New conceptions are propounded on the criterium of breakdowns and on the phenomena of emission. Tests were conducted on insulating materials located in negative pressure, atmospheric pressure and positive-pressure gases with a.c., d.c. and surge voltages. Great stress was laid on the adequate choice of test conditions, the effect of surface finish was separately analysed. The material of the electrode was found to be of considerable influence in gases with negative pressure and with pressures exceeding 6-8 atm abs. The effect of surface roughness was insignificant below an 8μm average. Therefore it is expedient to take into account the materials used for electrodes in high-voltage equipments where high-pressure gases or vacuum are employed as insulators. The use of stainless steel is the most disadvantageous. If impracticable, copper offers a greater margin of safety than aluminum.

3

R.D. 8/8

V.A.T.D.A. G.

Hungary/Physical Chemistry - Liquids and Amorphous Bodies. Gases, B-6

Abst Journal: Referat Zhur - Khimiya, No 1, 1957, 312

Author: Vajda, G.

Institution: ~~None~~

Title: Dielectric Constant of Gases

Original

Periodical: Magyar tud. akad. musz. tud. oszt. kozl., 1956, Vol 18, Nos 1-4,
277-295 (published in Hungarian)

Abstract: A critical review with a bibliography of 21 items.

Card 1/1

✓ treatment, facilitating a uniform treatment of the breakdown phenomena. Hardly is this a point of thorough criticism. The difficulties of the experimental determination of dielectric strength are discussed. It would be necessary to deal with the theory of the breakdown of solid insulating materials and the advancement of experimental technique in wider circles than hitherto, perhaps on an international scale. Finally the appendix includes the calculation method of energy bands by the Lagrange variation principle, suitable for certain applications.

fm - - -

VAJDA G.

HUNGARY/Electricity - Dielectrics

Abs Jour : Ref Zhur - Fizika, No 2, 1958, No 3679

G-2

Author :: Vajda Gyorgy

Inst : Not Given

Title : Electric Breakdown of Liquid Dielectrics

Orig Pub : Magyar tud. akad. Musz. tud. oszt kozl., 1957, 21, 1-4, 163-175

Abstract : No abstract

Card : 1/1

VAJDA,

Gy.

HU. Influence of the material properties of electrodes upon the breakdown potential. (In English) G.Y. Vajda. Acta Technica Academiae Scientiarum Hungaricorum, Vol. 31, 1968, No. 1-2, pp. 141-171, 13 figs.

The electric breakdown potential depends on a number of factors. Investigations were conducted to determine to what extent the material of the electrode exercises an influence. The conditions for the breakdown of insulators in various states of matter are deduced from an equation expressing the instability of the elementary processes taking place in the insulator and the extent to which the elementary processes taking place on the electrodes influence the breakdown is examined. According to these investigations electrostatic emission is the most effective, but in gases photoelectric emission and secondary emission due to positive ions can also play their part. According to the results of the experiments and in agreement with the theoretical assumptions it was found that the material of the electrode had no influence in solid insulators or in gases under atmospheric conditions. In the latter case the quality of the surface has a slight effect therefore it is best to use a surface smoothness of $\phi_0 = 1.6 - 0.8 \mu$. In liquids the influence of the material is obscured by other effects. The effect of the material of the electrodes is considerable in gases at low and high pressures when the breakdown potential increases in the sequence aluminium, copper, stainless steel.

JW

1/1

One . M

VAJDA, GY.; TAJTHY, T.

The effect of current-limiting chokes on the protection against excess voltage of 120-Kv. networks, p. 473.

ELEKTROTECHNIKS. (Magyar Elektrotechnikai Egyesulet) Budapest, Hungary,
Vol. 51, No. 10/12, 1958.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, No. 7, July 1959.

VAJDA, GY.

Experiences related to the asymptotic breakdown voltage of Hungarian-made
pressboard. p. 16.

VILLAMOSSAG. (Magyar Elektrotechnikai Egyesulet) Budapest, Hungary.
Vol. 7, no. 1/2, 1959.

Monthly list of East European Accessions (EEAI). LC. Vol. 8, no. 2, July 1959.
Uncl.

Vajda, Gy.

Determination of dielectric circuits of electric equipment. p.173

MERES ES AUTOMATIKA. (Mérstechnikai és Automatizálási Tudományos Egyesület)
Budapest, Hungary. Vol.7, no.7, 1959

Monthly List of East European Accessions (EEAI) LC, Vol.8, no.11
November 1959
Unclassified

VAJDA, CV

Inhomogeneity of insulating materials as a sign of their deterioration. p. 453

MAGYAR TUDOMANYOS AKADEMIA. MUSZAKI TUDOMANYOK. KÖZLEMÉNYEI.
Budapest, Hungary. Vol. 24, no. 1/4, 1959.

Monthly List of East European Accessions. (ENAI) LC, Vol. 9, no. 2,
Feb. 1960 Uncl.

VAJDA, Gy., Kandidat der Technischen Wissenschaften

Absorption in multiple-layer insulating materials. Acta techn Hung
31 no.3/4:269-279 '60. (EEAI 10:4)

1. Forschungsinstitut fur Elektrische Energie, Budapest.
~~(Electric insulators and insulation)~~

VAJDA, Gyorgy, a műszaki tudományok kandidátusa

Effect of atmospheric overvoltages on generators operating
in unit connection with transformers. Elektrotehnika 53
no.2/3:81-89 '60.

1. Igazgató Melyettes.

VAJDA, Gyorgy, a muszaki tudomanyok kandidatusa

Direct-current investigation of insulations. Elektrotechnika
53 nc.9:402-410 '60

l. Villamos Energetikai Kutato Intezet; "Elektrotechnika"
szerkeszto bizottsagi tagja.

VAJDA, Gyorgy, a muszaki tudomanyok kandidatusa

Testing insulations in the function of direct-current voltage.
Elektrotechnika 53 no.11:481-488 '60.

1. Villamos Energetikai Kutato Intezet; "Elektrotechnika"
szerkeszto bizottsagi tagja.

VAJDA, Gyorgy, a mussaki tudomanyok kandidatusa

Significance of the capacitive component in investigation absorption.
Mussaki kozl MTA 19 no.1/4:171-190 '61.

VAJDA, Gyorgy, a muszaki tudomanyok kandidatusa

Capacity measurement in the service of insulation control. Elektrotechnika 54 no.11:477-487 N '61.

1. Villamos Energetikai Kutato Intezet.

VAJDA, Gy., candidate of technical sciences

The part played by the capacitive component in the measurement of absorption current. Act techn Hung 40 no.3/4:237-262 '62.

1. Electric Power Research Institute, Budapest.

VAJDA, Gyorgy, dr., a műszaki tudományok kandidátusa

Twenty years of the electric power industry. Villamosag 13
no.4:97-99 Ap '65.

VAJDA, Gy.

FARADI, L.; JUHASZ, P.; KINCSES, A.; VAJDA, Gy.

Assessment of the early stage of hypertension. Acta med.hung.
Supp. 6 no.1:23~24 1954.

PUBLIC HEALTH SERVICE of PEOPLE'S ARMY
1. Gesundheitsdienst der Volksarmee.
(HYPERTENSION
early stage)

VAJDA, GYORGY DR.

FARADI, Laszlo, dr.; JUHASZ, Pal, dr.; KINCSES, Antal, dr.; VAJDA,
Gyorgy, dr.

The evaluation of the early stage of hypertension. Magy. below.
arch. 7 no.5:157-160 Oct. 54.

1. Nephadserog Egeszseggygi Szolgatalanak koslemenye
(HYPERTENSION
early stage)

VAJDA, Gy.

Clinical and electrocardiographic observations in post-traumatic
cardiopathy. Acta med.hung.16 no.3:291-301 '60.

1. Hungarian Army Medical Corps.
(ELECTROCARDIOGRAPHY)
(BOXING)
(THORAX wds & inj)
(HEART DISEASES diag)

VAJDA, Gy.

Cardiac metabolism and electrocardiographic changes following artificially produced closed chest trauma in the dog. Acta med. hung. 16 no. 4:363-375 '60.

1. Hungarian Army, Medical Corps.
(THORAX wds & inj)
(MYOCARDIUM metab)
(ELECTROCARDIOGRAPHY)

LUDANY, G.; VAJDA, Gy.; DOKLEN, Anna, FEHER, I.

The inflammatory "leucopenic factor" (Menkin) and the phagocytosis
of leucocytes. Acta physiol.hung. 18 no.1:27-29 '60.

1. II. Surgical Clinic of the Medical University, Mav-Hospital,
Institute of Pathophysiology. Medical University, Budapest.
(LEUKOPENIA, experimental)
(PHAGOCYTOSIS)

VAJDA Gy.; RIGO, J.; SOS, J.

The effect of methionine deficiency on heterohaemotropin formation.
Acta physiol.hung. 18 no.3:221-223 '60.

1. Hungarian Railways Hospital and Institute of Pathophysiology,
Medical University, Budapest.
(METHIONINE deficit)
(PHAGOCYTOSIS)

VAJDA, Gy; RIGO, J.; SOS, J.

Effect of the absence of methionine on the synthesis of hetero-hemotropin. Kiserletes Orvostud. 13 no.1:73-75 Mr '61.

1. MAV-Korhaz es Korelettani Intezet, Budapest.
(METHIONINE defic)
(ANTIGEN ANTIBODY REACTIONS)

VAJDA, G.

SZOKA, A.; LOVEI, E.; VAJDA, G.; LUDANY, G.

The effect of sympathicomimetic and parasympathicomimetic drugs
on the opsonocytophagic property of human serum. Magy. belorv. arch.
3 no.1:1-4 '50. (CLML 19:3)

1. Second Clinic for Internal Diseases, ^{BUDAPEST UNIVERSITY} Peter Pazmany University
(Director of Clinic -- Dr. Imre Haynal), Budapest.

GYENES, V., VAJDA, G.

Effect of physical work upon the opsonin index of serum. Orv. hetil.
91:27, 2 July 50, p. 845-8

1. Second Surgical Clinic (Director--Dr. Endre Hedri), Budapest
University.

CML 19, 5, Nov., 1950

115

C.A.

Phagocytosis and the nervous system. G. Ludany, J. Vakla, and E. Erdos (Univ. Budapest). *Arch. intern. pharmacodynamicie* 87, 49-63 (1951). There was no increase in phagocytosis by the dog aqueous humor after stimulation of the sympathetic vessels of the neck. Intravenous adrenaline (0.01 mg./kg.) or *dl*-noradrenaline (0.02 mg./kg.) caused a marked increase in phagocytosis in dog serum, whether or not the suprarenals were intact, but had no effect on phagocytosis *in vitro*. Acetylcholine and eserine had no definite effects. M. L. C. Bernheim

112

CA

Action of histamine and antihistamines on phagocytosis
G. Ludány and J. Vábla (1) Chr. Klein, Budapest; (2) K.
Kertész, pharmacodynamic, 85, 486 (1953). Histamine
(1:50,000-1:500,000) definitely increases the phagocytic
action of surviving rat leucocytes. Antistine and dehistinum
(1:1,000-1:5,000) decrease the phagocytosis. Intravenous
antistine has no effect in man or dog. Both antihistamines
(1:10,000) inhibit the effect of histamine on the leucocytes.
M. L. C. Bernstein

1951 -

LUDANY, G.; VAJDA, J.; DEVICZKY, E.; SZTAKYAY, C.

Asphyxia, sympathico-adrenal & vaso, insular system & phagocytosis
of leucocytes. Acta neuroveget. Wien. 2 no.3-4:263-9 July 51.
(CLML 22:3)

1. Of the Experimental Laboratory (Head---Prof.G.Ludany,M.D.)
of the Second Surgical Clinic (Director---Prof.E.Hedri,M.D.) of
Budapest University.

BORNEMISZA, G.; GORECZKY, L.; LUDANY, G.; VAJDA, G.

Effect of pain on serumal bactericidal properties. Magy. sebeszet 4
no.4:262-264 1951. (CIML 21:4)

1. Doctor. 2. Second Surgical Clinic (Director—Prof. Dr. Endre Hedri)
of Budapest Medical University and the Laboratory (Head—Dr. Laszlo
Goreczky) of Hungarian State Railways Hospital, Budapest.

VAJDA, Gy, 1951

(Exp. Lab., Surg. Clinic, U. of Budapest)

"The Vago-Insular System and the Phagocytosis-Promoting Activity of Serum."

Acta Physiol. (Budapest), 1951 2/1 suppl (53-54)
No abst. in Exc. Med.

BACKHAUSZ, R.; VAJDA, G.

Cytotropic effect of anti-Hh sera. Kiserletes orvostud. 3 no.2:81-
85 1951. (CIML 21:1)

1. Doctors. 2. Human Medicine Department, State Phylactic Vaccine
Production Institute and the Second Surgical Clinic, Budapest Uni-
versity. X16

KILLNER, C.; LUDANY, G.; VAJDA, G.

Effect of pneumothorax on the volume of the spleen. Kiserlates
Orvostud. 3 no. 5:326-329 1951. (CML 21:3)

1. Doctors. 2. Second Surgical Clinic and Pathological Institute,
Budapest Medical University.

VAJDA, G.:BACKHAUSZ, R.

The demonstration of antispermines through cytotropic reactions.
Kiserletes orvostud 4 no. 4:276-280 Aug 1952. (CLML 23:5)

1. Doctors. 2. Hungarian State Railways Hospital and Phylaxia State
Vaccine Manufacturing Laboratory.

VAJDA, ^{g.} 1952

(Exp. Lab. of the 11 Surgical Clinic, U. of Budapest)

"The Action of Protein Hydrolysates (Leucot^gxin) on the Bacterial Phagocytosis of Leucocytes."

Arch. Int. Pharmacodyn. 1952 88/4(442-449)
Abst: Exc. Med. IV, Vol. 5, No. 10, p. 1093

VAJDA, J. 1952

(Path.-Physiol. Inst. & Exp. Lab. II, Surg. Clinic, U. of Budapest)

"The Vago-Insular System and Leucocytic Phagocytosis."

Arch. Int. Pharmacodyn. 1952, 89/3(279-292)
No Abst. in Exc. Med.

LOVEI, S.; LUDANY, G.; VAJDA, J.

Insulin and bacterial phagocytosis of the leucocytes. Zschr.
Vitamin &c Forsch. Wien. 4 no.6:533-541 May 52. (CLIL 22:4)

1. Of the Experimental Laboratory of the Second Surgical Clinic
and of the Second Medical Clinic, Budapest University.

Va J Da, G.

LUDANY, G.; OBBAN, T.;VAJDA, G.

Effect of the aqueous humor on bacteria phagocytosis of leukocytes.
Szemeszet 89 no. 1:15-20 Mar 1952. (CLML 22:4)

1. Doctors. 2. Institute of Pathophysiology (Director -- Prof. Dr. Jozsef Sos and First Ophthalmological Clinic (Director -- Prof. Dr. Magda Rodnot), Budapest Medical University.

VAJDA, GY.

Ludany, Gy.; Vajda, Gy.; Toth. E.

"Effect of Leucocytosis-Provoking Inflammatory Factors (LPF) on Phagocytosis."
p. 56. (Acta Physiologica. Supplement to v. 4, 1953, Budapest)

S0: Monthly List of East European Accessions, Vol 3 No 6 Library of Congress, June 54, Uncl.

BACKHAUSZ, R.; VIDRA, G.; VAJDA, G.

Antigenic effect of tissue therapy. Orv. hetil. 94 no. 5:125-128 1 Feb
1953.
(CLML 24:3)

1. Doctors. 2. Main Department for Human Diseases (Head -- Dr. Gabor Veres), Phylaxia State Vaccine Production Laboratory, Surgical Department (Head Physician -- Dr. Desso Klimko), Koranyi Hospital, Laboratory (Head Physician -- Dr. Laszlo Goreczky), Hungarian State Railways Hospital.

HUTAS, I.; VAJDA, G.

The changes in phagocyte activity in the course of isonicid therapy.
Orv. hetil. 94 no.28:771-774 12 July 1953. (CLML 25:1)

1. Doctors. 2. Clinic for Pulmonary Diseases (Director -- Prof. Dr. Ferenc Kovats) of Budapest Medical University and the Laboratory (Head Physician -- Dr. Laszlo Goreczky) of Budapest Hungarian State Railroads Hospital.

LUDANY, G.; SOS, J.; TOTH, E.; VAJDA, G.

Effect of amino acids on the bacterial phagocytosis of leukocytes.
Orv. hetil. 94 no.8:204-207 22 Feb 1953. (CIML 24:3)

1. Doctors. 2. Pathophysiology Institute (Director -- Prof. Dr. Jozsef
Sos), Budapest Medical University.

VAJDA, Gyorgy; BACKHAUSZ, R.

The evaluation of agglutinating immune serums by the filter paper method. Acta microb. hung. 1 no.4:349-358 1954.

1. Laboratorium des MAV-Krankenhouses und Human Institut für Produktion und Forschung serobakteriologischer Präparate.

(IMMUNE SERUMS

evaluation by agglut. & filter paper method)

(AGGLUTINATION

of immune serums)

VITRO G

Excerpta Medica sec 16 3/3 Mar 55 Cancer

882. VAJDA Gy., CORECKZY L., ROTH I. and SUMEGI S. Über die zytotropische Wirkung auf Tumorzellen *Cytotropic effects on tumour cells* Acta microbiol. Acad. scient. hung. (Budapest) 1954, 1/4 (331-337) Tables 1

The subject of antibodies in response to tumour cells was studied in a cytotropic system. Tumour cell suspensions gained from operative specimens were treated with the patient's serum and then injected intraperitoneally into mice and the index of phagocytosis of tumour cells by the leucocytes was estimated. The examinations were carried out in different combinations, i.e. the tumour cells were also treated with the sera of other cancer patients and with sera of healthy persons. The sera of cancer patients had no cytotropic effect on their tumour cells or on tumour cells of other patients. Sera of rabbits immunized with cell suspensions of liver tumour showed a slight cytotropic action, whereas serum of rabbits immunized with normal hepatic tissue exhibited no such effect. It is concluded that there is a difference between the antigenic structure of normal and tumour cells.

Romhányi - Pécs

V.A.J.DA., Gy.
EXCERPTA MEDICA Sec.4 Vol.8/10 Microbiology Oct 55

2812. VAJDA Gy. and BACKHAUSZ R. Wertmessung agglutinierender Immunsära mit der Filterpapiermethode. Determination of the value of agglutinating immune serum by the filter paper method ACTA MICROBIOL. ACAD. SCIENT. HUNG. (Budapest) 1954, 1, 4 (349-358) Graphs 2 Tables 4 Illus. 1

Comparative investigations in the determination of the value of agglutinating immune sera were made with Vajda's method (1943) and the filter paper method. The capillary increase of strains of escherichiae, salmonellae and shigellae suspended in normal saline was 10-12 cm. in 20-30 min. under identical conditions. The capillary increase of the bacteria can be inhibited specifically by agglutinating immune sera; the degree of inhibition can be expressed in figures. The specific inhibition of the capillary increase of Gram-negative intestinal bacteria is 2-10 times as sensitive as the agglutination method. The increase of Gram-positive cocci on filter paper is 1-2 cm. in 30 min. After addition of a dilution of 1:100 normal rabbit serum to the coccal suspension, the increase becomes 8-9 cm. This specific increase can be reduced by about 50% by addition of homologous immune serum in a dilution of 1:100. The method is suitable both for the separation of Gram-positive cocci and for the demonstration of homologous defence substances.

Ortel - Greifswald

VAJDA, Gy.

GORECZKY, L.; ROTH, I.; SUMEGI, I.; VAJDA, Gy.

Defense symptoms of the lead poisoning. Acta med. hung. Suppl.
6 no.1:93-94 1954.

1. MAV - Krankenhaus, Budapest.
(LEAD POISONING, exper.
protective mechanism in rabbits)

GORECZKY, Laszlo.; LUDANY, Gyorgy.; VAJDA, Gyula.

Effect of acute hemorrhage on bactericidal properties of serum.
Kiserletes cryostud. 7 no.2:153-158 Mar 55,

1. MAV-korhaz laboratoriuma es Budapesti Orvostudomanyi Egyetem
Korelettani Intezete, : Pathophysiology Unit.
(HEMORRHAGE, experimental)

bactericidal properties of blood serum after severe
blood loss in animals)
(BLOOD SERUM,
bactericidal properties in dogs after severe blood loss)

HORVATH, Gabriella; LUDANY, Gyorgy.; VAJDA, Gyula.

Effect of cortisone on migratory and phagocytic properties of leukocytes. Kiserletes orvostud. 7 no.2:209-211 Mar 55.

1. Budapesti Orvostudomanyi Egyetem Korelettani Intezete.

(CORTISONE, effects,
on leukocyte migration phagocytosis)

(LEUKOCYTES,
migration, eff. of cortisone)
(PHAGOCYTOSIS, effect of drugs on,
cortisone)

BAKOS, Lasslo.; BORNENISZ, Gyorgy.; LUDANY, Gyorgy.; VAJDA, Gyula.

Effect of novocaine on phagocytosis. Kiserletes orvostud. 7 no.3:
225-231 May 55.

1. Budapesti Orvostudomanyi Egyetem Korelettani Intezete es a
MAV korhaz laboratorium.

(PROCAINE, effects,
on phagocytosis)

(PHAGOCYTOSIS, effect of drugs on,
procaine)

GORECZKY, Laszlo.; ROTH, Imre.; SUMEGI, Istvan.; VAJDA, Gyula.

Modification of content of protective substances in blood serum in acute lead poisoning. Kiserletes orvostud. 7 no.3:235-242 May 55.

1. Budapesti MAV-korhaz.

(LEAD POISONING, experimental,
blood in, bactericidal & other protective properties)
(BLOOD, in various diseases,
exper. lead pois., bactericidal & other protective
properties)

LUDANY, Gyorgy.; VAJDA, Gyula.; TOTH, Erzsebet.

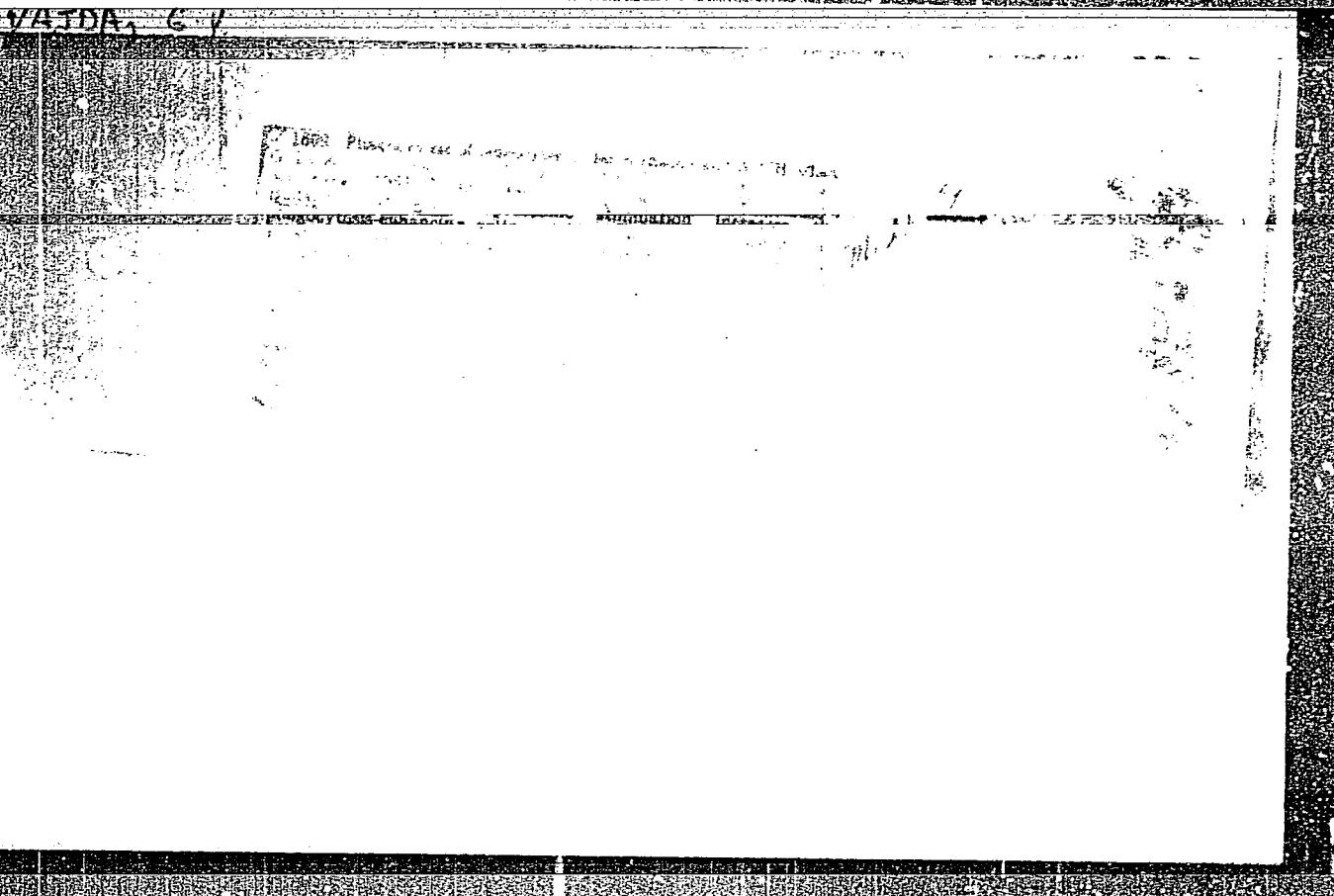
Effect of LP factor on phagocytosis. Kiserletes orvostud. 7 no.3:
277-282 May 55.

PATHOPHYSIOLOGY INST.

1. Budapesti Orvostudomanyi Egyetem Kone lettani Intezete.
(PHAGOCYTOSIS,
eff. of Menkin's factors producing leukocytosis)

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858410003-1



APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858410003-1"

CSALAY, Laszlo.; LUDANY, Gyorgy.; VAJDA, Gyula.

Effect of dextran on bacterium phagocytosis of leukocytes.
Kiserletes orvostud. 7 no.6:596-602 Nov 55,

(DEXTRAN, eff.

on phagocytosis of bacteria & histamine liberation in
leukocytes (Hun))

(LEUKOCYTES, eff. of drugs on
dextran on phagocytosis of bacteria & histamine
liberation (Hun))

(PHAGOCYTOSIS

of bacteria by leukocytes, eff. of dextran (Hun))

(HISTAMINE, in blood
eff. of dextran on liberation from leukocytes (Hun))

VAJDA, GY

The effect of nucleic acids on the phagocytosis of bacteria *M* by rat leucocytes. G. Ludány and Gy. Vajda (Univ. E Budapest). *Experientia* 11, 177-8 (1955) (fr-German).—Na ribonucleate and Na deoxyribonucleate in concns. 10^{-4} and 10^{-4} cause *in vitro* an increase in phagocytosis of *Micrococcus* and *pyogenes* var. *aureus*; at 10^{-4} the increases were 33 and 29% resp.

D. S. Fugate

(1)

LUDANY, Gyorgy, dr.,; VAJDA, Gyula, dr.,; DOKLEN, Anna, dr.,; LI BOK,Nam

Effect of largactil on phagocytosis of bacteria by leukocytes.
Orv. hetil. 96 no.40:1100-1101 2 Oct 55.

1. Budapesti Orvostudomanyi Egyetem Korelettani Intezet (igazgato
Sos Jozsef dr. egyet. tanar) kozlemenye.

(CHLORPROMAZINE, effects

on bact. phagocytosis of leukocytes in exper. animals)

(LEUKOCYTES, effect of drugs on

chlorpromazine, on phagocytosis of bact. in exper.
animals)

(PHAGOCYTOSIS, effect of drugs on

chlorpromazine, on bact. phagocytosis in leukocytes
in exper. animals)

VADDA, Gy.

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The rise of leucocytes found in the permanent smear after
the injection of sterile fluid in dogs is not affected by
treatment with penicillin. However, their phagocytic
activity is considerably increased.

VAJDA, Gy.

Amino acids and the phagocytosis of bacteria by leucocytes. G. Lüdány, L. Pákey, J. Sotl and Gy. Vajda (Univ. Budapest). Arch. intern. pharmacodynamie 103, 178-86 (1955) (in German).—D,L-Alanine, D,L-cystine, and D,L-methionine, also thioglycolic acid, in concns. of 10^{-4} , cause a marked increase in the phagocytosis of bacteria by surviving rat leucocytes. D,L-Phenylalanine and D,L-isoleucine have less effect, and glycine, leucine, D,L-lysine, tryptophan, and L-histidine are inactive. M. L. C. Bernheim

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Vajda, Gy.

Dextran and the phagocytosis of bacteria by leucocytes.
L. Csalay, G. Ludány, and Gy. Vajda (Univ. Budapest).
Arch. intern. pharmacodynamie 104, 186-95 (1955) (in German).—Dextran does not significantly decrease the phagocytosis of bacteria by human or rabbit leucocytes, but decreased up to 40% the activity of rat leucocytes. This is assoc. with a 10-fold increase in the amt. of histamine liberated from the leucocytes. M. L. C. Bernstein

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VAJDA GYULA

LUPANY, Gyorgy; PERENYI, Laszlo; SOS, Jozsef; VAJDA, Gyula.

Effect of amino acids on the bacteria phagocytosis of leukocytes,
II. Kisérletes orvostud. 8 no.1:98-105 1956.

1. Budapesti Orvostudomanyi Egyetem Korelettani Intezete.

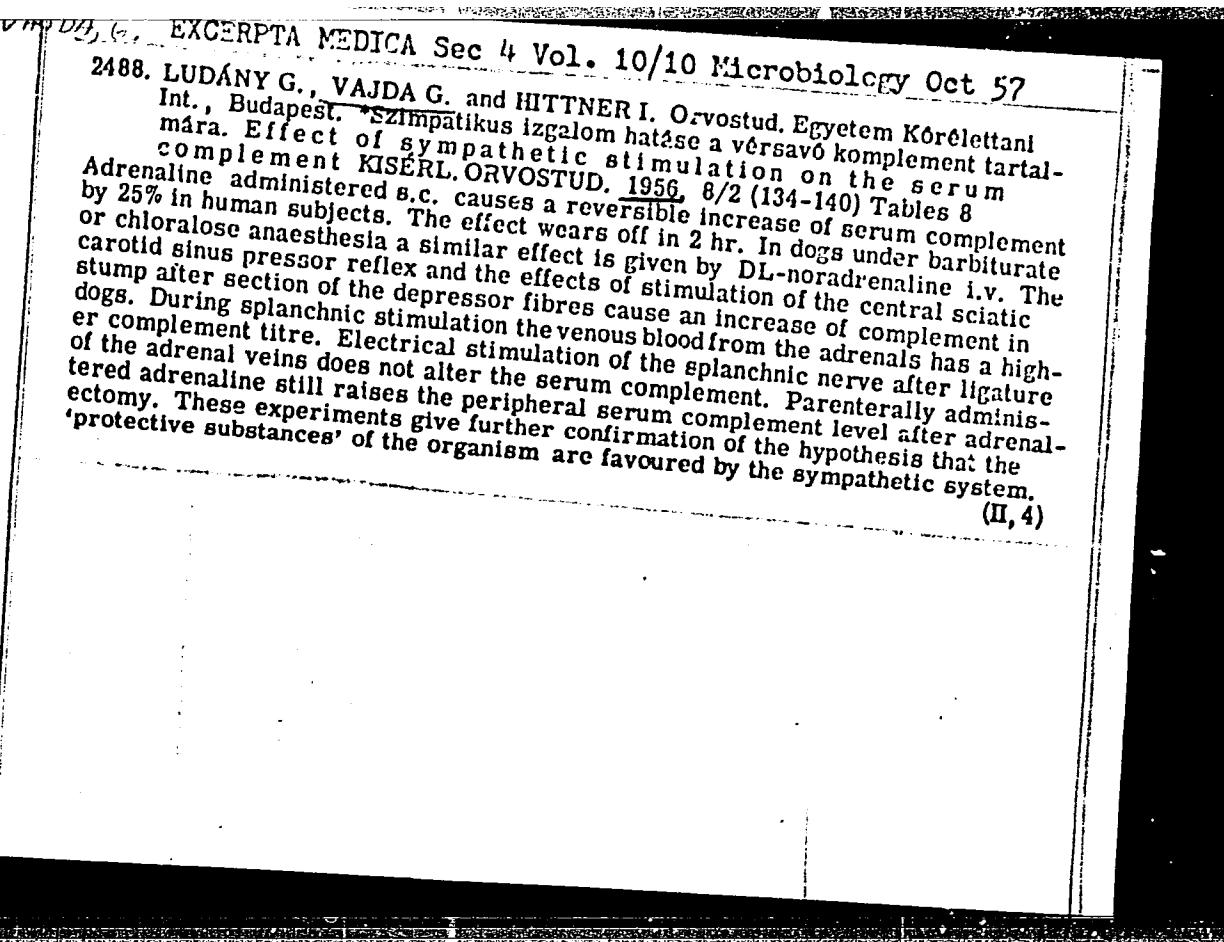
(AMINO ACIDS, eff.

on bact. phagocytosis of leukocytes of rats in vitro (Hun)

(PHAGOCYTOSIS, eff. of drugs on
amino acids, on bact. phagocytosis of leukocytes of rats
in vitro (Hun))

(LEUKOCYTES

phagocytosis of bact., eff. of amino acids in rats in
vitro (Hun))



HUNGARY /General Problems of Pathology - Tumors. Immunity. U.

Abs Jour : Ref Ziar - Biol., No 2, 1959, 3786

Author : Vajda Gyula, Goreczky Laszlo, Roth Imre, Simegi Istvan

Inst : -

Title : The Depressive Effect of Malignant Tumors on the Reticulo-Endothelial System

Orig Pub : Kiserl. Ervostud., 1957, 9, No 4, 396-400

Abstract : In rats with a Guerin carcinoma a Cryptococcus neoformans suspension injected intravaneously was found to be eliminated from the blood only after 21 minutes (in the control, three to ten minutes). The elimination time of India ink was also delayed in cancerous rats (26 minutes compared with control of 10-15). The injection of defatted carcinoma tissue subcutaneously into rats for five to 10 days delayed the elimination of Congo red from the blood stream. -- A.N. Ivanov

Card 1/1

DOKLEN, A.; CSALAY, L.; BOK NAM, Li.; VÁJDA, Gy.; LUDANY, G.

Anaphylactoid reaction and bacterial phagocytosis by leukocytes.
Acta physiol. hung. 11(Suppl):67-68 1957.

1. Pathophysiologisches Institut der Medizinischen Universität, Budapest.
(ALLERGY

anaphylactoid substances, eff. on bact. phagocytosis by
leukocytes (Ger))

(PHAGOCYTOSIS

of bact. by leukocytes, eff. of anaphylactoid substances
(Ger))

(LEUKOCYTES

bact. phagocytosis, eff. of anaphylactoid substances (Ger))

LUDANY, G.; VAJDA, J.; RIGO, J.; HAN TU VU

5-Hydroxytryptamine and the phagocytosis of leukocytes. Acta physiol.
hung. 14 no.4:371-373 1958.

1. Pathophysiologisches Institut der Medizinischen Universitat, Budapest.
(PHAGOCYTOSIS, eff. of drugs on
serotonin on phagocytosis of leukocytes in vitro (Ger))
(SEROTONIN, eff.
on phagocytosis of leukocytes in vitro (Ger))

VII. Df, G.

TOTH, Jozsef, Dr.; VAJDA, Gyula, Dr.; FONYODI, Lajos, Dr.

Nocturnal paroxysmal hemoglobinuria: Marchiafava-Micheli syndrome.
Orv. hetil. 99 no.1:31-34 5 Jan 58.

I. A MAV. Korhaz es Kozponti Rendelointezet (igazgato: Ob Lajos dr.)
II. sz. Belosztalyanok (foorvos: Toth Jozsef dr.) es Laboratoriumnak
(foorvos: Goreczky Laszlo dr.) kozlemenye.
(HEMOGLOBINURIA, PAROXYSMAL, case reports
(Hun))

BAKOS, Leszlo, Dr.; SCHULHOFF, Odon, Dr.; SZILARD, Janos; VAJDA, Gyula, Dr.

Complement fixation examinations in rheumatism with tissue antigens.
Orv. hetil. 99 no.31:1069-1072 3 Aug 58.

1. Az Orszagos Reuma es Furdougyi Intezet (igazgato-foorvos: Farkas Karoly dr.) az Orszagos Balneologial Kutato Intezet (Igazgato: Schulhof Odon dr.) es a MAV Korhaz (igazgato-foorvos: Oo Lajos dr.) kozlemenye.
(RHEUMATISM, innumol.

complement fixation with tissue antigens (Hun))
(COMPLEMENT

fixation with tissue antigens in rheum. (Hun))

GORECZKY, Laszlo, VAJDA, Gyula; BAUMANN, Piroska

Effect of reserpine-induced autonomic tonus on immunologic properties of the serum. Kiserletes Orvostudomany 11 no.4:433-436 August 1959.

1. MAV Korhaz es Kozponti Rendelő Intezet laboratoriuma es ideggyogyaszati osztalya.

(RESERPINE, pharmacol)
(COMPLEMENT, pharmacol)

VAJDA, Gyula; FONYODI, Lajos

Alkaline phosphatase activity of leukocytes in phagocytosis.
Kiserletes Orvostud. 11 no.5:505-506 O '59.

1. MAV-Korhaz es Kozponti Rendelointezet Laboratorium.
(PHOSPHATASES blood)
(LEUKOCYTES chem)
(PHAGOCYTOSIS)

LUDANY, G.; VAJDA, Gy.; HARMOS, G.; HADHAZY, G.

Further studies on the metabolism and phagocytosis of leukocytes.
Acta physiol.hung. 16 no.4:307-313 '59.

1. Pathophysiologisches Institut der Medizinischen Universitat,
Budapest.

(LEUKOCYTES)

LUDANY, G.; VAJDA, Gy.

Duodenal acidification and leukocyte phagocytosis. Acta physiol.
hung. 16 no.4:321-324 '59.

1. Pathophysiologisches Institut der Medizinischen Universität,
Budapest.

(DUODENUM physiol.)
(PHAGOCYTOSIS physiol.)

VAJDA, Gyula, dr.; SZOCS, Otto, dr.

Leukocyte phagocytosis in the cerebrospinal fluid. Orv.hetil.
100 no.45:1632-1633 N '59.

1. A MAV-Korhaz-Rendelointezet (igazgato: Oc Iajos dr.)
kozlemenye.

(MENINGITIS cerebrospinal fluid)
(CEREBROSPINAL FLUID)
(PHAGOCYTOSIS)

KOROSKENTYI, Kalman, dr.; JUBA, Ferenc, dr.; VAJDA, Gyula, dr.

Examinations with complement binding "vascular antigens" in hypertonic patients. Orv.hetil. 101 no.40:1417-1418 20 '60.

1. MAV-Korhaz es Kozponti Rendelointezet
(HYPERTENSION blood)
(ANTIGENS)

VAJDA, Gyula; BAKOS, Laszlo

Demonstration of CRP by erythrophagocytosis. Kiserl. orvostud.
14 no. 5:556-557 O '62.

1. MAV Korhaz Rendelointezet es Orszagos Reuma es Furdougyi Intezet.
(C-REACTIVE PROTEIN) (PHAGOCYTOSIS)
(ERYTHROCYTES)

HUNGARY

VAJDA, Gyorgy, Dr, POTA, Laszlo, Dr, THUROCZY, Zsuzsa, Dr; Hospital of the Hungarian State Railroads and Central Ambulant Service (MAV -- Magyar Allam-vasutak -- Korhaz es Kozponti Rendelo).

"Coronary Disorders and Cervical Spondylosis."

Budapest, Orvosi Hetilap, Vol 104, No 43, 27 Oct 63, pages 2024-2028.

Abstract: [Authors' Hungarian summary modified] A comparison between patients with angina pectoris and a control group of the same age indicated that changes in the cervical vertebrae were more prevalent among the patients than among the controls. The conclusion was reached that the detailed localization of spondylarthrotic changes and the determination of lesions which may cause irritation in the roots of the cervical nerves of the spine are of utmost importance. In addition to routine X-rays, the performance of X-ray techniques is recommended by which any present limitation to motion as well as the small joints and the foramina are better observed. The technique is routinely used in the Central Institute of Radiology and Ambulant Service of this hospital. It is possible that the simultaneous occurrence of angina pectoris with cervical spondylosis is not a coincidence, but a sign of mutual interaction, somewhat like in omarthritis. 9 Hungarian, 16 Western references.

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VAJDA, Gyorgy, dr.; THUROCZY, Zsuzsa, dr. FONYODI, Lajos, dr.

Serum cholesterol tests in angina pectoris. Orv. hetil. 105
no.12:553-556 22 Mr'64.

1. MAV Korhaz vs Kozponti Rendelointezet.

*

LUDANY, Gyorgy, dr.; VAJDA, Gyula, dr.; BERTHA, Ilona, dr.

Bradykinin and leukocytic phagocytosis. (Preliminary report).
Orv. hetil. 105 no.43:2026-2027 '64.

1. Budapesti Orvostudomanyi Egyetem, II Sebeszeti Klinika,
(igazgato: Mester Endre dr.) Physiologial Laboratorium es
budapesti MAV -korhaz, Laboratorium (foorvos: Goreczky Laszlo
dr.).

HUNGARY

BARANKAY, Bertalan, Dr., FRANZELL, Marianne, Dr., LUDANY, Gyorgy, Dr., and VAJDA, Gyula, Dr., Second Surgical Clinic at the Medical University (Orvostudomanyi Egyetem, II. sz. Sebeszeti Klinika) (Director: MESTER, Endre, Dr.); and Hospital of the Hungarian National Railways (Magyar Államvasutak Korhaz) Laboratory (Laboratorium) (Physician-in-Chief: GORECZKY, Laszlo, Dr.) in Budapest.

"Effect of Intravenously Injected Glucocorticoids on the Leukocyte Phagocytosis of Bacteria"

Budapest, Orvosi Hetilap, Vol 107, No 24, 12 Jun 1966, pp 1107-1109.

Abstract: Water-soluble glucocorticoids capable of being administered intravenously (Di-Adreson-F-Aquosum, Urbason, and Oradexon), when given in the generally employed therapeutic range, first decrease and then increase the leukocyte phagocytosis of bacteria. The diphasic effect involves the resistance of the organism against infection also: this fact is of significance to the clinician. The phenomenon is attributable probably to the cell metabolism effect rather than to changes in the segmentation of the granulocytes. 13 references, including 3 Hungarian, 2 German, and 10 Western.

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HUNGARY

MESTER, Endre, Dr, VAJDA, Gyula, Dr, LUDANY, Gyorgy, Dr, KISIDA, Elek, Dr, KVASZNAI, Attila, Dr; Medical University of Budapest, II. Surgical Clinic (director: MESTER, Endre, Dr) (Budapesti Orvostudomanyi Egyetem, III. Sebeszeti Klinika), and Hungarian State Railroads, Hospital and Outpatient Service, Laboratory (chief physician: GORECZKY, Laszlo, Dr) (MAV -- Magyar Allamvasutak, Korhaz es Rendelointezet Laboratorium), Budapest.

"The Effect of Omentectomy on Erythrophagocytosis."

Budapest, Orvosi Hetilap, Vol 107, No 12, 20 Mar 66, pages 537-538.

Abstract: [Authors' Hungarian summary] Omentectomy performed on rats results in a considerable decrease in the immuno-erythrophagocytosis of leukocytes. According to the findings, the omentum is also connected with the function of the mobile cellular protective installations of the organism. The experimental data are confirmed by statistical calculations. 2 Hungarian, 18 Western references.

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HUNGARY

VAJDA, Gyula, Dr; Hungarian State Railroads, Hospital, Central Institute for Ambulant Services (MAV -- Magyar Allamvasutak --, Korhaz, Kozponti Rendelointezet).

"Autospermiumtropin."

Budapest, Orvosi Hetilap, Vol 107, No 31, 31 Jul 66, pages 1459-1460.

Abstract: [Author's Hungarian summary] In vivo cytotropic determinations were carried out with the serum and spermatoplasm of 4 oligospermic and one hypospermic patients. The results indicated autoagglutination in titers between 1:32 - 1:80. The method is more sensitive than autoagglutination and, therefore, the "autospermiumtropin" titer was always higher than the spermagglutination. 5 Eastern European, 5 Western references.

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HUNGARY

VAJDA, Gyula, TOTH, Jozsef, TAX, Vladimir; Hungarian State Railways Hospital (director: GÖ, L.), Central Laboratory and II. Section of Medicine (Magyar Államvasutak Korhaza, Kozponti Laboratorium es II. Belgyogyaszati Osztaly), Budapest.

"Simultaneous Determination of Erythro- and Leukocytotropines in Vivo."

Budapest, Acta Microbiologica Academiae Scientiarum Hungaricae, Vol XIII, No 2, 1966, pages 127-132.

Abstract: [English article, authors' English summary modified] A new method has been worked out for the simultaneous determination of erythro- and leukocytotropines in vivo. Mixtures consisting of 0.5 ml of the diluted serum to be tested, 0.25 ml of 10% erythrocyte suspension of conforming blood group and 0.25 ml of a 20,000 per cubic mm leukocyte suspension are administered to 3 mice. After 3 hours peritoneal exudate smears are examined for the presence and percentage of erythro- and leukophagocytosis. A positive reaction is indicated by phagocytosis observed in more than 3% of the mouse leukocytes. In a series consisting of 25 cases of immunohematological disorders, erythrophagocytosis could be detected in 14 cases, leukophagocytosis in 9 cases and simultaneous erythro-leukophagocytosis in 9 instances. Parallel in vitro tests disclosed the presence of antibodies against erythrocytes in 12, against leukocytes in 5 and against both in 4 cases. The testing of 20 control subjects yielded uniformly negative results. The method can be used for the detection of heterocytotropines, complete and incomplete auto-antibodies, both as a direct and as an indirect reaction. 4 Hungarian, 21 1/1 Western references. [Manuscript received 6 Nov 65.]

VHgDH, L.

HANKISS, J.; VAJDA, I.; MASSATH, I.; FORNET, B.

Role of antidiuretic hormone in the fluid metabolism of patients with liver disease. Acta med. hung. 11 no.3:343-350 1958.

1. Department of Internal Medicine, Medical University, Debrecen (Hungary).

(LIVER DISEASES, blood in
vasopressin content & relation to disord. of body fluid
balance)

(VASOPRESSIN, in blood
in liver dis., content & relation to disord. of body fluid
balance)

(BODY FLUID BALANCE
disord. in liver dis., role of blood vasopressin content)

VAJDA, Imre, dr., egyetemi tanar

What should we export? Elet tud 15 no.24:739-741 12 Je '60.

VAJDA, Imre, egyetemi tanar

Changes in the world trade. Elet tud 16 no.4:99-103 22 Ja '61.

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CA

The determination of phosphatase and esterase in serum.
Sándor Dán (Dickmann) and István Vajda (Univ., Debrecen, Hung.). *Kisérleti Orvostudomány* 1, 118-21 (1949).
(A) For the detn. of phosphatase measure into 4 test tubes 2 ml. of an alk. buffer (dissolve in 1 l. water $\text{Na}_2\text{C}_4\text{O}_4$ anhyd. 0.36, NaHCO_3 3.36 g.) or of an acid buffer (mix 3 ml. 0.1 N AcOH with 7 ml. 0.1 N NaOAc), 3 ml. of substrate (2.18 g. di-Na phenylphosphate in 1 l. H_2O), put in 37° water bath for 3 min., add 0.2 ml. serum to 2 tubes, stopper all 4 tubes, keep them in the water bath for 15 min., cool for 1 min. in tap water, add 1.8 ml. 20% CCl_4COOH to the tubes with serum, add to the other 2 tubes 0.2 ml. serum and 1.8 ml. 20% CCl_4COOH , shake, and filter. In the meantime measure 2 ml. 8% H_2SO_4 into 4 Hagedorn-Jensen tubes, add 3 ml. of the filtrate of the above test tubes, 2 ml. 0.01 N KMnO_4 , let stand for 8-10 min., add 1 ml. freshly prep'd. 5% KI soln., and titrate with 0.05 N $\text{Na}_2\text{S}_2\text{O}_3$. The difference between titration results of both pairs of tubes should be multiplied by 11 to obtain the King-Armstrong value for 0.1 ml. serum. (B) For the detn. of esterase measure into 4 test tubes 8 ml. of buffer (prep. by mixing 100 ml. of a soln., contg. in 1 l. doubly distd. water 0.38 g. $\text{NaHPO}_4 \cdot 12 \text{H}_2\text{O}$ and 70 g. $\text{NaH}_2\text{PO}_4 \cdot \text{H}_2\text{O}$, with 0.2 ml. of 2% phenyllbenzoate in MeOH), add to 2 tubes 0.3 ml. dktl. serum (add 3.9 ml. distd. water to 0.1 ml. serum), keep in a 37° water bath for 1 hr., add 2 ml. 20% CCl_4COOH to the tubes contg. serum, cool the serum-free tubes and add 0.3 ml. serum and 2 ml. CCl_4COOH to them, keep in water bath for 10 min., let stand at room temp., filter, treat 5 ml. of filtrate as under (A), and titrate similarly. The difference in titration values should be multiplied by 33.5 to obtain esterase activity according to Gömöri.

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DAN, S.; HAPPICH, G.; VAJDA, I.; PASZTOR, J.

Practical and theoretical problems of amino acid loading tests. Orv.
hetil 94 no.35:973-978 30 Aug 1953. (CLML 25:5)

1. Doctors. 2. First Internal Clinic (Director -- Prof. Dr. Fela
Fornet), Debrecen Medical University.

VAJDA, Istvan, dr.; BRAUN, Sandor, dr.; MALAK, Gyorgy, dr.

Pathologic anatomy and experimental pathology of di-and tri-
oxymethylglycarbon therapy of malignant tumors. Orv. hetil. 95
no.30:808-812 25 July 54.

1. A Peterfy Sandor-utcai Korhaz-rendelo prosecturaja
(NEOPLASMS, therapy
di- & trihydroxymethanediol, exper. pathol.)
(GLYCOOLS, ther. use
di- & trihydroxymethanediol, ther. of neoplasms,
exper. pathol.)

HANKISS, Janos, dr.; VAJDA, Istvan, dr.; MASSATH, Ilona, dr.;
FORNET, Bela, dr.

Role of the antidiuretic hormone in disturbances of water
metabolism in liver diseases. Orv. hetil. 97 no.40:1100-
1103 30 Sept 56.

1. A Debreceni Orvosegyetem I. sz. Belklinikajának (igazgató:
Fornet, Bela, dr. egyet. tanár) közleménye.
(LIVER CIRRHOSIS, physiol.
diuresis, role of blood vasopressin in disturbances (Hun))
(VASOPRESSIN, in blood
in liver cirrhosis, role in diuretic disturbances &
determ. (Hun))

VAJDA, Istvan; GYORFFY, Istvan; HELD, Kalman

Osler disease in a family. Orv. hetil. 98 no.50-51:1415-1419 15-22
Dec 57.

I. A Hajdu-Bihar Megyei Tanacs Korhaza (igazgato: Muranyi Klara dr.)
I. sz. Belosztalyanak (foorvos: Vajda Istvan dr.) kozlemenye.
(ANGIOMATOSIS, case reports
Osler-Rendu dis., six cases in one family (Hun))

VAJDA, Istvan, dr.; ASZODI, Lili, dr.; HAJDU, Bela, dr.; STENSZKY, Ernone,
dr.; BARZO, Pal, dr.; HORVATH, Endre, dr.

Familial relations of acquired hemolytic anemia. Magy.belorv.arch.
13 no.4:121-124 Ag '60.

1. A Hajdu-Bihar Megyei Tanacs Kozhaza (Igazgato: Dr. Manyi Geza)
I. sz. Belosztalyanak (Foorvos: Dr. Vajda Istvan), Megyei
Verkonzervalo Allomasanak (Foorvos: Dr. Aszodi Lili) es az
Orszagos Vertranszfuzios Szolgalat Kozponti Kutato Intezetenek
(Igazgato: Dr. Hollan Zsuzsanna) kozlemenye.
(ANEMIA, HEMOLYTIC genetics)

HAJDU, Bela, dr.; VAJDA, Istvan, dr.; LAZAR, Jozsef, dr.; SZABOLCS,
Marton, dr.

Primary macroglobulinemia. Orv. hetil. 104 no.39:1853-1854
29 S '63.

l. Hajda-Bihar megyei Tanacs Korhaza, I. Belosztaly, Kozponti
Laboratorium es Debreceni Orvostudomanyi Egyetem, Kozponti
Laboratorium.

(MACROGLOBULINEMIA) (LEUKEMIA, LYMPHOCYTIC)
(BLOOD CHEMICAL ANALYSIS) (ELECTROPHORESIS)
(GAMMA GLOBULIN)

VAJDA, Istvan, dr. HAJDU, Bela, dr.; SZUCS, Tamas, dr.; URAY, Magda, dr.

Treatment of epistaxis in Osler's disease with sex hormones;
simultaneous occurrence of seminoma. Orv. hetil. 105 no.30:
1412-1414 26 Jl'64

1. Hajdu-Bihar Mehyei Tanacs Korhaza, I. Belosztaly.

HUNGARY

SZABADFALVI, Andras, Dr, VAJDA, Istvan, Dr; Hajdu-Bihar Megye Council, Hospital, I. Medical Ward (chief physician: VAJDA, Istvan, Dr) (Hajdu-Bihar Megyei Tanacs Korhaza, I. Belgyogyaszati Osztaly).

"Healed Cardiac Damage, Caused by Trauma from Lightning, Which Could be Classified Clinically as an Infarct."

Budapest, Orvosi Hetilap, Vol 107, No 36, 4 Sep 66, pages 1715-1717.

Abstract: [Authors' Hungarian summary] Recovery of a case of cardiac damage, caused by trauma from lightning, is reported which had the clinical appearance of a typical dorsal cardiac infarct. Attention is called to the inadequate protection available against lightning at the agricultural regions of Hungary. By correction of this situation, the number of victims of lightning could be reduced. 3 Hungarian, 13 Western references.

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VAJDA, J.

"New health resort in Nosice."

KRASY SLOVENSKA. (Poverenictvo dopravy. Riaditelstvo pre cestovny ruch)
Bratislave, Czechoslovakia, Vol. 36, No. 5, May 1959.

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VAJDA, J.; TOMROL, Theresia

The lymphatic structure of the wall of the small intestine.
Acta morph. acad. sci. Hung. 13 no.4:339-347 '65.

Contributions on the mesenteric lymph circulation. Ibid.:
349-357

1. Anatomisches Institut (Direktor: Prof. Dr. J. Szentagothai)
der Medizinischen Universität, Budapest.

VAJDA, Janos

Linearizing circuit. Magy hir techn 12 no.3:111-120 Je '61.

1. Finommechanikai Vallalat.

VAJDA, Janos

An innovator's letter. Ujít lap 13 no.3:14 P '61.

1. Nagylengyeli Koolajtermelő Vallalat.

(Hungary—Petroleum)

NAGY, Istvan, dr.; KOSZORU, Maria, dr.; MAJOROSSY, Kalman, dr.; VAJDA,
Janos, dr.

Prevention of the consequences of tumor cell dissemination in
Brown-Pearce testicular tumor in rabbits by administration of
Mannozym. Magy onk. 8 no.1:46-52 Mr'64

1. A Budapesti Orvostudomanyi Egyetem Anatomiai Intezet Kutato
Csoporth es a XIII. ker Szakorvosi Rendelointezet Laboratoriuma.



VAJDA, J.; JUNGER, V.; ORAVSKY, S.

"Television transmission of slides." p. 340

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VAJDA, J.

VAJDA, J. Experiments of the Ostrava television transmitter. p. 244

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Praha, Czechoslovakia

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VAJDA, J.

VAJDA, J. Transformation of regularpentodes. p. 153.

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VAJDA, J.

Once more on television in Europe.

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